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Substitute for form 1449A/PTO					
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				<i>Complete if Known</i>	
				Application Number	10/805,814
				Filing Date	March 22, 2004
				First Named Inventor	Michael Brosnan
				Art Unit	2629
				Examiner Name	Tran, My Chau T.
Sheet	1	of	3	Attorney Docket No: 10040348-01	

US PATENT DOCUMENTS					
Examiner Initial *	Cite No	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Filing Date If Appropriate
/MCT/		US-6657184	12/02/2003	Anderson et al.	
		US-7127737	10/24/2006	Bayrakeri et al.	
		US-2005/0024336	02/01/2005	Xie et al.	
		US-7283164	03/18/2007	Kakarala, Ramakrishna	
		US-2005/0083303	04/01/2005	Schroeder et al.	
		US-2004-0246232	12/01/2004	Chang et al.	
		US-2005-0024336	02/01/2005	Xie et al.	
		US-2003-0001078	01/02/2003	Baharav et al.	
		US-7071922	07/01/2006	Sun et al.	
		US-2002/0180880	12/05/2002	Bean et al.	
		US-2003/0103037	06/05/2003	Rotzoll	
		US-2004/0246232	12/01/2004	Chang et al.	
		US-5854482	12/01/1998	Bidiville et al.	
		US-2005/0206614	09/01/2005	Brosnan et al.	
		US-7176432	02/01/2007	Komiya, Yasuhiro	
		US-6823077	11/01/2004	Dietz et al.	
		US-6320173	11/01/2001	Vock et al.	
		US-6218659	01/01/2001	Bidiville et al.	
		US-6124587	09/01/2000	Bidiville et al.	
		US-6084574	07/01/2000	Bidiville et al.	
		US-6093923	07/01/2000	Vock et al.	
		US-5703356	12/01/1997	Bidiville et al.	
		US-5578817	11/01/1996	Bidiville	
/MCT/		US-5248873	09/01/1993	Allen et al.	
		US-5965879	10/01/1999	Leviton, Douglas B.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of cited Document	T ²
/MCT/		DE-20019915	05/17/2001	Logitech, Inc.,	
/MCT/		WO-00/38103	06/29/2000	Microsoft Corporation,	
/MCT/		JP-05115040	05/01/1993	Oshima, , et al.	Abstract Only

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

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Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
NO COPY		YOSHIDA, A. "Optical Computing Techniques for Image/Video Compression", <u>Proceedings of the IEEE</u> Volume 82, Issue 6, Digital Object Identifier 10.1109/5.286198., (June 1994),948-954	
	/MCT/	BERRA, P. B. "Optics and Supercomputing", <u>Proceedings of the IEEE</u> Volume 77, Issue 12, Digital Object Identifier 10.1109/5.48824, (December 1989),1797-1815	
	/MCT/	NIRMAIER, T et al., "High Speed CMOS Wavefront Sensor with Resistive Ring Networks of Winner Take All Circuits", <u>Solid state Circuits, IEEE Journal of</u> Volume 40, Issue 11, Digital Object Identifier 10.1109/JSSC.2005.857350., (November 2005),2315-2322	
	/MCT/	CHU, P.L. et al., "Optimal Projection for Multidimensional Signal Detection", <u>Acoustics, Speech, and Signal Processing (see also IEEE Transaction on Signal Processing), IEEE Transactions on</u> , Volume 36, Issue 5, Digital Object Identifier 10.1109/29.1587., (May 1988),775-786	
	/MCT/	DOWNS, J et al., "An Improved Video-Based Computer Tracking System for Soft Biomaterials Testing", <u>Biomedical Engineering, IEEE Transaction on</u> , Volume 37, Issue 9, Digital Object Identifier 10.1109/10.58600, (1990),903-907	
	/MCT/	WILLIAMSON, I.C. et al., "Source Width Insensitive Optical Position Sensor", <u>Instrumentation and Measurement, IEEE Transactions on</u> Volume 43, Issue 6, (December 1994),848-856	
	/MCT/	TARTAGNI, M et al., "A Photodiode Cell for Applications to Position and Motion Estimation Sensors", <u>Industrial Electronics, IEEE Transactions on</u> , Volume 43, Issue 1, Digital Object Identifier 10.1109/41.481426., (02/1996),200-206	
	/MCT/	MILLER, M.I. et al., "Automatic Target Recongnition Organized Via Jump-Diffusions Algorithms", <u>Image Processing, IEEE Transactions on</u> , Volume 6, Issue 1, Digital Object Identifier 10.1109/83.552104, Volume 6, Issue 1,(1997),157-174	
	/MCT/	SCHEFFER, D. et al., "Random Addressable 2048x2048 Active Pixel Image Sensor", <u>Electron Devices, IEEE Transactions on</u> , Volume 44, Issue 10, Digital Object Identifier 10.1109/16.628827., (1997),1716-1720	
	/MCT/	CLAPP, M.A. et al., "A Dual Pixel Type Array for Imaging and Motion Centroid Localization", <u>Sensor Journal, IEEE</u> , Volume 2, Issue 6, Digital Object Identifier 10.1109/JSEN.2002.806894., (12/2002),529-548	
	/MCT/	WEISENBERGER, A.G. et al., "A Restraint Free Small Animal SPECT Imaging System with Motion Tracking", <u>Nuclear Science, IEEE Transactions on</u> Volume 52, Issue 3, Part 1, Volume 52, Issue 3 Part 1,(06/2005),638-644	

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/MCT/		BURNS, R.D. "Object Location and Centroiding Techniques with CMOS Active Pixel Sensors", <u>Electron Devices, IEEE Transactions on, Volume 50 Issue 12, Digital Object Identifier 10.1109/TED.2003.819260., (December 2003),2369-2377</u>	
/MCT/		HIGGINS, C.M. et al., "A Biologically Inspired Modular VLSI System for Visual Measurement of Self-Motion", <u>Sensor Journal, IEEE, Volume 2 Issue 6, Digital Object Identifier 10.1109/JSEN.2002./807304., (December 2002),508-528</u>	
/MCT/		HONGHAO, JI et al., "CMOS Contact Imager for Monitoring Cultured Cell", <u>Circuits and Systems, 2005. ISCAS 2005. IEEE International Symposium, Volume 4, Digital Object Identifier 10.1109/ISCAS.2005.1465381., (May 23-26, 2005),3491-3494</u>	
/MCT/		CHEN, YANG "Highway Overhead Structure Detection Using Video Image Sequences", <u>Intelligent Transportation Systems, IEEE Transactions on Volume 4, Issue 2, Digital Object Identifier 10.1109/TITS.2003.821209., (June 2003),67-77</u>	
/MCT/		SVELTO, ORAZIO "Principles of Lasers", (1998, 1989, 1982, 1976),9-10	

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Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached